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10/584,986

Takagi

TIP 046

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Application Number

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Attorney Docket Number

Filing Date

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

Art Unit (Use as many sheets as necessary) **Examiner Name**

			U. S. PATENT	Γ DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US} 3532580	10-28-1966	Kanao	
		^{US-} 5151281	9-29-1992	Huvey	
		^{US-} 5217723	6-8-1993	Tsingopoulos	•
		^{US-} 5637168	6-10-1997	Carlson .	
		US-			
		US-			
		US-			
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		US-			

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Т6
		Country Code ³ Number ⁴ Kind Code ⁵ (if known) EP 526 382	2-3-1993	Tsingopoulos	=US5217723	'
		JP 58-173629 (Abstract)	19-12-1983	Taigaasu Polymer	Abstract	V
		WO 89/04246	5-18-1989	Holroyd Associates		
						╠

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Examiner	Date	
Signature	Considered	7

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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